**Severe weather: Web Quest Questions**

**HURRICANE -**

1. Which way does a hurricane rotate? What is the number one thing a hurricane needs to form?

<http://eo.ucar.edu/webweather/hurricane2.html>

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1. What will be the name of the first hurricane in the year 2013? Who assigns the names to Hurricanes?

Why would a hurricanes name be retired and never used again?

<http://www.hurricaneville.com/names.html>

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1. When are the dates of hurricane season? How many categories of hurricanes are there?

What happen to hurricanes once they reach land? Where do hurricanes get their start? Are there any benefits to hurricanes? <http://www.globio.org/glossopedia/article.aspx?art_id=40>

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1. Name four things that should be in a hurricane disaster supply kit.

List four things from your house you would put in your hurricane disaster supply kit.

<http://www.nhc.noaa.gov/HAW2/english/prepare/supply_kit.shtml>

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1. Name three category five hurricanes.What is the maximum sustained wind speed of a category two hurricane? <http://www.nhc.noaa.gov/aboutsshs.shtml> <http://www.nhc.noaa.gov/pastint.shtml>

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1. What are the three stages of development of a hurricane?

How long can hurricanes live?

<http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/hurr/stages/home.rxml>

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1. What was the deadliest hurricane? Where does the word hurricane come from? What category hurricane produces a storm surge of 9-12 feet? What category hurricane is considered catastrophic?

<http://www.wunderground.com/hurricane/usdeadly.asp> <http://library.thinkquest.org/J0111927/Hurricane%20History.html>

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1. What is the calm center of circulation in a hurricane called?

What is the area with the fastest most violent winds called?

<http://science.howstuffworks.com/hurricane2.htm>

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**Winter Storms**

<http://www.nssl.noaa.gov/primer/> <http://www.nssl.noaa.gov/education/svrwx101/winter/>

<http://www.weather.com/encyclopedia/winter/> <http://www.ussartf.org/blizzards.htm>

1. What are the three main ingredients necessary to produce a winter storm?

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1. What is a blizzard and how does it form?

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1. Where and when can blizzards occur?

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1. Why are blizzards measured, detected or forecasted?

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1. What kind of damage can blizzards create?

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1. How can people keep safe from a blizzard?

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1. What is the difference between a blizzard warning and a blizzard watch?

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1. Name some important items to put in an emergency blizzard disaster kit.

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<http://www.weatherwizkids.com/index.htm>

1. How is snow formed?

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1. Why is snow white?

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1. What is the difference between sleet and freezing rain?

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1. How is lake-effect snow formed?

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1. What is a Nor'easter?

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1. What is an Alberta Clipper?

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